Lionel Muskwe

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Profile

Whilst tackling the modules and challenges of second year, I have developed into a significantly capable software engineer. These changes are inspired by leading my team project module, applying newly learnt data structures efficiently and employing a healthy array of programming practices to my work. Being the president of the university's Computer Science Society, I proactively build upon my already capable skillset to ensure my communication and leadership capabilities empower me to address any challenges I come across.

Education

2021-2025 **Aston University, Birmingham UK –** BSc Computer Science (with placement year)

- Completed first year with 1st Class (79%)
- Covered introduction and advanced concepts in Linux
- Covered operating System concepts
- Built a full-stack CRUD PHP|Laravel application for managing CVs. I met the responsive design criterion by utilising Bootstrap. The application was supported by a MySQL database.
- Built a portfolio page (http://lionelmuskwe.com/)
- Our team project entailed building an ecommerce platform. I played 3 key significant roles namely team leader, backend-developer, and git manager. Through git, I ensured we maintained a linear version control history. I also made use of branching, to remove possible development bottlenecks and minimise merge conflicts between team members. I championed helping my teammates set up their local development environments. This involved a lot of troubleshooting throughout the project, as I had to help users on Windows, Linux and MacOS.
- Business aspects of computing as a module made clear the intersection between computing and business. It gave context to why agile development is essential for project success.

2017 – 2021 **Peterborough College**

- 8 GCSE grades (A – C) including English and Maths.
- Nominated Computer Science student of the year
- Re-elected Student Union president for two consecutive years.
- Sat on the board of governors panel as the sole student representative voicing student grievances.

Work Experience/Voluntary work

Beautiful Canoe · Internship

Jun 2022 - Sep 2022

> I was tasked with rebranding and improving an already existing client project. Under the leadership of my senior developer, I had to setup and run meetings with the client by myself. This taught me the value of translating complex programming concepts from their abstract form to a more client-friendly language. It was this internship

that made me understand the true value of Agile project management strategies and processes.

I worked on a language-mapping cross platform mobile application, which also had a Web Application accompanying it. I helped set up the API, database and host the Web Application. Further activities involved rebranding all previous logos and colours to my clients preferred designs. Reconfigured the API routes of the mobile application to match the newly hosted API routes.

Tested the application on iOS and Android, whilst documenting and comparing all test results against a predefined test case. Being able to read C# was a must as fixing the failing tests required me to read and modify Xamarin code. In parallel to all this, I had to make sure I maintained a clean, well rebased linear git history for all the different repositories I had modified.

Apates · Contract

Nov 2021 - Present

As a contracted part timer, my work at Apates has involved building APIs with Django, parsing data and web scrapping. I have used BeautifulSoup for web scraping, accompanied by my custom written python scripts that helped clean the scrapped data.

McDonalds · Part-Time

Sep 2017 – Aug 2021

Shortly after starting, the managers realised my great customer interaction skills. I was then appointed as a Customer Experience Leader. In this position, I was the first and last person customers saw. Throughout the entire customer journey: I would greet; engage with customers at tables; create memorable moments and see customers off. There was a great deal of resilience required. The unique role required a confident, persuasive, active thinking, and interesting person as I would have been entertaining customers ninety percent of the shift.

Skills

- Proficient in Microsoft Office and G-Suite
- Extensive Knowledge in frontend technologies – Bootstrap, HTML, CSS, JS, JQuery
- Extensive Knowledge in backend frameworks – Python|Django, PHP|Laravel, C#|Unity and Java,
- Deployment – Managing VPS, Linux Ubuntu, Apache2, Heroku, SSH, SCP, FileZilla, GitLab/GitHub

Hobbies & Achievements

Extra-Curricular

I am the current captain of Aston university's volleyball team and the ex-President of Aston table tennis. Being active is a big part of my life. Naturally I use sports to satisfy my need for activity. As the president of the ACSS (Aston Computer Science Society) this year I am tasked with planning and hosting my universities hackathon.

Self-Development

Although very grateful for what I have achieved, I refuse to become complacent. Henceforth, my daily activities involve keeping a daily updated personal calendar, reading self-help books, networking with seniors in my field and attending career boosting events.

References

Available upon request.